

**AMENDMENTS TO THE SPECIFICATION**

**Please delete the present Abstract of the Disclosure.**

**Please add the following new Abstract of the Disclosure:**

A method and apparatus for cooling a metal strip are provided. The apparatus includes a support roller for pressing the metal strip into a main cooling roller. The metal strip forms an arc whose inner face delimits, with the outer face of the roller, a contact zone which is suitable for discharging part of the heat of the trip towards to inner side of the roller. A secondary cooling roller contacts the support roller to discharge heat from the support roller. The support roller comprises a resiliently deformable and thermo-capacitive material.